Amendments to the Specification

Please amend paragraph 110 to read as follows:

[0110] In both of the downhole environments described above, brushless DC motors having embodiments of the disclosed motor controllers may be employed downhole. The reliable start-up and high-temperature operation provided by the disclosed controller embodiments may be particularly advantageous for use in downhole applications due to the substantial amount of effort and time (and associated equipment rental costs) required to put the tool at the desired location. The motors (and their controllers) may be employed to open and close ports, extend arms, take core samples, move fluids, and to perform various other activities. As a specific example of a downhole tool where the disclosed embodiments may be employed, refer to U.S. Patent Application No. 10/440,835, filed May 19, 2003, entitled "MWD Formation Tester", and incorporated herein by reference. Other specific examples include U.S. Patent Nos. 5,934,374; 5,826,662; 5,741,962; 4,936,139; and 4,860,581; each of which is incorporated herein by reference.

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Thanks, Rita Luyken